

Workshop introduction: Welcome

ML at HEP workshop on 9-10 January 2024

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on behalf of the LOC & PC

The motivation of the workshop

- After a successful first workshop on "ML at HEP" last February, this is our second time to organize such an international workshop in Japan by inviting world-leading researchers on Machine-Learning topics in High Energy Physics and related fields.
 - 7 invited speakers (40min) and 15 contribution talks (20min)
- This workshop also aims to bring together researchers in high energy physics, astrophysics, and data science.
 - ~110 participants (half in-person and the other half on zoom)

The scope of the workshop

- to highlight recent progresses in the state-of-the-art ML applications to high energy physics and astrophysics through several talks by world-leading researchers, and
- to overview the related researches progressing in Japan.

Enjoy the workshop!

Logistics

- Sessions:
 - Today PM1:00-PM5:35
 - Tomorrow: AM9:30-PM5:20
 - Group photo: right after this session
- Speakers:
 - Connect to Zoom and share your slides during your talk
 - Send your slides to LOC at ml-at-hep2024-loc%20at%20ml.post.kek.jp
- Network connection: “eduroam” and “keyaki” – See the paper in front

Hosts and Supports

- Hosted co-organized by KEK WPI-QUP (International Center for Quantum-field Measurement Systems for Studies of the Universe and Particles), and IPNS (Institute of Particle and Nuclear Studies).
- Supported by KEK WPI-QUP, JSPS Core-to-Core Program "AI-Smart" and JSPS Grant-in-Aid for Transformative Research Areas (A) "Machine Learning Physics".